

MODULAR APPARATUS FOR CHEMICAL MICROANALYSIS**ABSTRACT**

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A modular microchannel apparatus for analysis of an analyte. The apparatus includes a separation unit and a reservoir unit. The separation unit has a microchannel. The analyte can be driven to pass through the microchannel such that the time for the analyte to pass through the microchannel is indicative of the molecular characteristics of the analyte. The reservoir unit has one or more reservoirs for coupling operatively modularly with the separation unit to supply liquid reagents to the separation unit. The reservoirs has prepackaged liquid reagents in it before the reservoir unit is coupled with the separation unit.

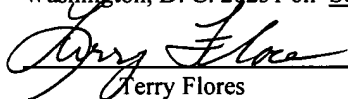
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Terry Flores

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